

### LISTING OF THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1 1. (Previously Presented) A method of providing a service to wireless stations  
2 through a telecommunication network, the service being identified by a unique service  
3 identifier stored in the telecommunication network and in at least one subscriber station  
4 among said wireless stations, the method comprising the steps of:

- 5 - determining a paging identifier in the telecommunication network and at said  
6 subscriber station, by applying a hash function to a data string including at  
7 least part of the unique service identifier;
- 8 - associating said subscriber station with the determined paging identifier; and
- 9 - prior to transmitting information pertaining to the service over a broadcast  
10 channel, transmitting a paging message incorporating said paging identifier to  
11 the wireless stations.

1 2. (Original) A method as claimed in claim 1, wherein the information pertaining to  
2 the service, transmitted over the broadcast channel, includes the unique service identifier,  
3 and wherein a wireless station associated with said paging identifier responds to the  
4 paging message by switching to the broadcast channel, receiving the transmitted unique  
5 service identifier and checking whether the received service identifier matches the service  
6 identifier stored in said wireless station.

1 3. (Previously Presented) A method as claimed in claim 1, wherein said data string  
2 further includes an indication of a type of the service.

1 4. (Previously Presented) A method as claimed in claim 1, wherein the unique  
2 service identifier includes an address associated with the service and an indication of a  
3 scope within which said address is unique.

1 5. (Previously Presented) Telecommunication network equipment for participating  
2 in the provision of services to wireless stations, the equipment comprising:  
3 - means for storing unique service identifiers respectively identifying the  
4 services;  
5 - means for determining a respective paging identifier associated with each of  
6 the services, by applying a hash function to a data string including at least part  
7 of the unique identifier for said service; and  
8 - means for transmitting a paging message incorporating the paging identifier  
9 associated with one of the services to the wireless stations, prior to  
10 transmitting information pertaining to said one of the services over a  
11 broadcast channel.

1 6. (Original) Equipment as claimed in claim 5, wherein the information pertaining to  
2 the service transmitted over the broadcast channel includes the unique service identifier.

1 7. (Previously Presented) Equipment as claimed in claim 5, wherein the data string  
2 including at least part of the unique service identifier further includes an indication of a  
3 type of the service.

1 8. (Previously Presented) A wireless station for communicating through a  
2 telecommunication network, the wireless station comprising:  
3 - means for storing at least one unique service identifier identifying a respective  
4 service to which the station has a subscription;  
5 - means for determining a paging identifier, by applying a hash function to a  
6 data string including at least part of the unique service identifier; and  
7 - means for receiving a paging message incorporating said paging identifier  
8 and, in response thereto, switching to reception over a broadcast channel to  
9 receive information pertaining to the service as transmitted from the  
10 telecommunication network.

1     9.     (Original) A wireless station as claimed in claim 8, further comprising means for  
2     detecting a service identifier in the information received over the broadcast channel and  
3     means for checking whether the detected service identifier matches the stored unique  
4     service identifier.

1     10.    (Previously Presented) A wireless station as claimed in claim 8, wherein said data  
2     string further includes an indication of a type of the service.